

REMARKS/ARGUMENTS

Claims 38-47 are now pending in the present patent application. Claims 38-45 are rejected. Claim 38 has been amended. Claims 46 and 47 are newly added. No new matter has been added.

In the Office Action, claims 38-45 are rejected under 35 U.S.C. 102(b) as being anticipated by Bertram et al. (U.S. Patent No. 6,476,798), referred to herein as Bertram.

Bertram does not describe or suggest “a sinusoid generator coupled to a first electrode of a touch screen, the sinusoid generator adapted to generate a first sinusoidal signal having a frequency, the sinusoid generator comprising a modification device configured to modify the frequency of operation of the first electrode” as recited in claim 38. Rather, Bertram describes an oscillator (438) that provides a sinusoidal signal having frequency such as 10 kilohertz to an electrode (102a) via a couple of resistors (430, 432) and to a negative input of an operational amplifier (418) via a couple of resistors (434, 436) (col. 4, lines 55-62). The oscillator is controlled by a clock signal such as 20 megahertz signal (442) (col. 5, lines 11-14). A description of the oscillator that provides the sinusoidal signal having the frequency of 10 kilohertz to the electrode (102a) and the clock signal of 20 megahertz that controls the oscillator in Bertram does not describe or suggest the modification device configured to modify the frequency of operation of the first electrode. Accordingly, Bertram does not describe or suggest “a modification device configured to modify the frequency of operation of the first electrode” as recited in claim 38. For at least the reasons set forth above, Applicants respectfully submit that claim 38 is patentable over Bertram.

Claims 39-45 depend, directly or indirectly, from independent claim 38. When the recitations of claims 39-45 are considered in combination with the recitations of claim 38, Applicants respectfully submit that claims 39-45 are patentable over Bertram.

Accordingly, it is respectfully submitted that the Section 102 rejection be withdrawn.

Claims 38-45 are rejected under 35 U.S.C. 103(a) as being obvious over Bertram.

For at least the reasons set forth above, Applicants respectfully submit that claims 38-45 are also patentable over Bertram. Accordingly, Applicants respectfully request that the Section 103 rejection be withdrawn.

Claims 46 and 47 depend from independent claim 38, which is submitted to be patentable over Bertram for at least the reasons set forth above. When the recitations of claims 46 and 47 are considered in combination with the recitations of claim 38, Applicants respectfully submit that claims 46 and 47 are also patentable over Bertram.

Based on the foregoing, it is submitted that the claims are patentably distinct over the cited art of record. Additional limitations recited in the independent claims or the dependent claims are not further discussed because the limitations discussed above are sufficient to distinguish the claimed invention from the cited art. Accordingly, Applicant believes that all pending claims are allowable and respectfully requests a Notice of Allowance for this application.

Applicant hereby petitions for any required fee for such extension or any further fee required in connection with the filing of this Amendment is to be charged to Deposit Account No. 500388 (Order No. IGT1P210). Should the Examiner believe that a telephone conference would expedite the prosecution of this application, the undersigned can be reached at the telephone number set out below.

Respectfully submitted,

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